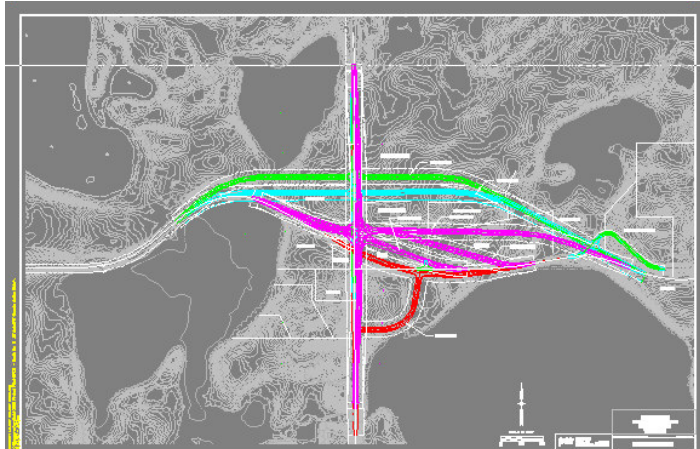


CSAH 8 & CSAH 23 Intersection Realignment Scott County

CSAH 8 is part of an east-west corridor across Dakota and Scott Counties, carrying traffic from Lakeville through the I-35 Interchange, along the border between Spring Lake Township and Cedar Lake Township and (eventually) to TH 169 at Belle Plaine.

Progressive Consulting Engineers, Inc. (PCE) was retained by Scott County to work with a Planning Advisory Committee (PAC) including representatives from both Townships and from the County Engineering and Planning Offices.

CSAH 8 crosses CSAH 23 with a Jog offset that creates a pair of tee intersections. The area between intersections represents a safety hazard and creates delays for corridor traffic. Vertical and horizontal alignment problems (created by proximity to St. Catherine Lake, the Porter Creek Wetlands, and commercial/residential development) restricted design options. Possible expansion of the Doyle-Kennefick Regional Park and desires of adjacent property owners to subdivide and develop their land created issues for both Townships, as well as for the County.



PCE evaluated five options for intersection locations (including a grade separation) and several intersection and alignment possibilities for each option. Right-of-way costs, construction costs, property owner displacement, and farmland removed from tillage were calculated for each option. Corridor design compatibility and potential wetland/environmental impacts were also evaluated before selecting a roundabout design with the CSAH 23 alignment shifted east of the present alignment.

Client: Scott County
Client Contact: Joseph Gustafson, Scott County Traffic Engineer
Construction Year: 2007
Project Cost: \$1,200,000 (Estimated)



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